Appl. No. 10/672,429 Amdt. dated June 18, 2007 Reply to Office Action of May 18, 2007

TM LEVELING METHOD

ABSTRACT OF THE DISCLOSURE

Methods for designing an oligonucleotide sequence having a selected duplex stability are provided wherein the oligonucleotide portion comprises at least one modified base selected from universal bases, unsubstituted and 3-substituted pyrazolo[3,4-d]pyrimidines and 5-substituted pyrimidines, and optionally having attached minor groove binders and reporter groups.